

WE CLAIM:

1 1. A resin-cemented optical element comprising a base member
2 and a resin layer formed on a surface of the base member, wherein:
3 said resin layer is in a thickness of 300 μm or smaller at least at a
4 part of a region within 1 mm from the peripheral edge face of the resin
5 layer; and
6 said resin layer is in a thickness of 850 μm or larger at a position
7 which is thickest in said resin layer.

1 2. The resin-cemented optical element comprising a base member
2 and a resin layer formed on a surface of the base member, wherein:
3 said resin layer is in a thickness of 300 μm or smaller at least at a
4 part of a region outside an effective-diameter region; and
5 said resin layer is in a thickness of 850 μm or larger at a position
6 which is thickest in that layer.

1 3. The resin-cemented optical element according to claim 2,
2 wherein:
3 at least at a part of the region outside an effective-diameter region,
4 said resin layer has a thickness which becomes gradually smaller
5 toward the periphery.

1 4. A mold for molding a resin layer of a resin-cemented optical

2 element having a base member and said resin layer formed on the surface
3 of the base member, wherein

4 said mold has, on the outer periphery on the outside of a molding
5 surface, a concavely curved surface which has a curvature larger than the
6 molding surface.

1 5. An optical article comprising the resin-cemented optical
2 element according to claim 1.

1 6. An optical article comprising the resin-cemented optical
2 element according to claim 2.

1 7. An optical article comprising the resin-cemented optical
2 element according to claim 3.

1 8. A fabrication process for a resin-cemented optical element
2 having a base member and a resin layer formed on the surface of the base
3 member, comprising,
4 a step of molding said resin layer with a mold having, on the outer
5 periphery on the outside of a molding surface, a concavely curved surface
6 which has a curvature larger than the molding surface.